

# ABSTRACT

The invention relates to the production of phospholipids with synthetic unsaturated alkyl and acyl chains according to general formula (I)  $A - PO_3 - B$ , wherein B represents a radical of the general formula (II), wherein n is a whole number from 2 to 8; m is 0, 1 or 2; X is a whole number from 0 to 8; y is a whole number from 1 to 4; z is a whole number from 0 to 5;  $R_3$  represents an alkyl radical with 1 to 3 carbon atoms that may be substituted by one or more hydroxyl groups and wherein A represents a radical selected from one of the formula (III) to (IX). The compounds according to the invention are suitable as liposome components, active substances and solutizing agents.

